

Index to Volume 35

No. 1

- Sally Hodges, B. Hodges, A.J. Meadows, Micheline Beaulieu, D. Law (Loughborough and London, UK)
The Use of an Algorithmic Approach for the Assessment of Research Quality 3
- G. Melin (Umeå, Sweden)
The Networking University. A Study of a Swedish University Using Institutional
Co-authorships as an Indicator 15
- Jacqueline Leta, L. de Meis (Rio de Janeiro, Brasil)
A Profile of Science in Brazil 33
- G. Davis, Pamela Royle (Bundoora, Victoria, Australia)
A Comparison of Australian University Output Using Journal Impact Factors 45
- Ketty Rodríguez, J. A. Moreira (Danton, TX, USA and Madrid, Spain)
The Growth and Development of Research in the Field of Ecology as Measured by
Dissertation Title Analysis 59
- D. Urban (Stuttgart, Germany)
Quantitative Measurement of Public Opinions on New Technologies. An Application of SEM-
Methodology to the Analysis of Beliefs and Values toward New Human Applications of
Genetic Engineering 71
- Marie-Hélène Magri, Aline Solari (Jouy-en-Josas, France)
The SCI Journal Citation Reports: A Potential Tool for Studying Journals? I. Description of
the JCR Journal Population Based on the Number of Citation Received, Number of Source
Items, Impact Factor, Immediacy Index and Cited Half-Life 93
- S. Schwartz, J. Lopez Hellin (Barcelona, Spain)
Measuring the Impact of Scientific Publications. The Case of the Biomedical Sciences 119
- J. S. Katz, D. M. Hicks (Brighton, UK)
A Systemic View of British Science 133
- Bibliography Section**
- A. Schubert (Budapest, Hungary)
Scientometrics: A Citation Based Bibliography, 1990 155

Preface	165
<i>W. Glänzel (Berlin, Germany)</i> The Need for Standards in Bibliometric Research and Technology	167
<i>H. F. Moed (Leiden, The Netherlands)</i> Differences in the Construction of SCI Based Bibliometric Indicators among Various Producers: A First Overview	177
<i>J. S. Katz (Falmer, Brighton, UK)</i> Bibliometric Standards: Personal Experience and Lessons Learned	193
<i>P. Bourke, Linda Butler (Canberra, Australia)</i> Standard Issues in a National Bibliometric Database: The Australian Case	199
<i>M. Zitt, N. Teixeira (Paris and Nantes, France)</i> Science Macro-Indicators: Some Aspects of OST Experience	209
<i>Isabel Gómez, Maria Bordons, M.T. Fernández (Madrid, Spain), Aida Méndez (Palma de Mallorca, Spain)</i> Coping with the Problem of Subject Classification Diversity	223
<i>P. Vinkler (Budapest, Hungary)</i> Some Practical Aspects of the Standardization of Scientometric Indicators	237
<i>R. Arvanitis, J.M. Russell, A. Ma. Rosas (México, D.F., Mexico)</i> Experiences with the National Citation Reports Database for Measuring National Performance: The Case of Mexico	247
<i>W. E. McGrath (Buffalo, New York, USA)</i> The Unit of Analysis (Objects of Study) in Bibliometrics and Scientometrics	257
<i>I. K. Ravichandra Rao (Bangalore, India)</i> Methodological and Conceptual Questions of Bibliometric Standards	265
<i>V. S. Lazarev (Minsk, Belarus)</i> On Chaos in Bibliometric Terminology	271
Short Communications	
<i>I. F. Aguillo (Madrid, Spain)</i> Increasing the Between-year Stability of the Impact Factor in the Science Citation Index	279
<i>Irina Marshakova-Shaikovich (Katowice, Poland)</i> The Standard Impact Factor as an Evaluation Tool of Science Fields and Scientific Journals	283

No. 3

<i>W. Glänzel (Berlin, Germany)</i> A Bibliometric Approach to Social Sciences. National Research Performances in 6 Selected Social Science Areas, 1990-1992	291
<i>P. Nieminen (Oulu, Finland)</i> Type of Empirical Research Reports as an Explanatory Factor in Citation Performance of Psychiatric Research	309
<i>J. Berg, R. Wagner-Döbler (München, Germany)</i> A Multidimensional Analysis of Scientific Dynamics. Part I. Case Studies of Mathematical Logic in the 20th Century	321
<i>L. H. Breimer, D. D. Breimer (London, UK, and Leiden, The Netherlands)</i> The CED - le DEC: Common European Doctorate, or Doctorate European Commune or Dissertations on the Internet	347
<i>Per O. Seglen (Oslo, Norway)</i> Quantification of Scientific Article Contents	355
<i>R. Meneghini (São Paulo, SP, Brasil)</i> The Key Role of Collaborative Work in the Growth of Brazilian Science in the Last Ten Years	367
<i>P. Vinkler (Budapest, Hungary)</i> Relationships between the Rate of Scientific Development and Citations. The Chance for Citedness Model	375
<i>Berenika M. Wincławska (Torun, Poland)</i> Polish Sociology Citation Index (Principles for Creation and the First Results)	387
Bibliography Section	
<i>A. Schubert (Budapest, Hungary)</i> Scientometrics: A Citation Based Bibliography, 1991	393
Index to Volume 35	401



Author Index

- AGUILLO I.F.: Increasing in the Between-year Stability of the Impact Factor in the Science Citation Index, 279
- ARVANITIS, R., RUSSELL, J.M., ROSAS, A. MA.: Experiences with the National Citation Reports Database for Measuring National Performance: The Case of Mexico, 247
- BEAULIEU, MICHELINE, *see* HODGES, SALLY, 3
- BERG, J., WAGNER-DÖBLER, R.: A Multidimensional Analysis of Scientific Dynamics. Part 1. Case Studies of Mathematical Logic in the 20th Century, 321
- BORDONS, MARIA, *see* GÓMEZ, ISABEL, 223
- BOURKE, P.; BUTLER, LINDA: Standard Issues in a National Bibliometric Database: The Australian Case, 199
- BREIMER, D.D., *see* BREIMER, L.H., 347
- BREIMER, L.H., BREIMER, D.D.: The CED - le DEC: Common European Doctorate, or Doctorate European Commune or Dissertations on the Internet, 347
- BUTLER, LINDA, *see* BOURKE, P., 199
- DAVIS, G.; ROYLE, PAMELA: A Comparison of Australian University Output Using Journal Impact Factor, 45
- DE MEIS, L., *see* MEIS, DE, L., 33
- FERNÁNDEZ, M.T., *see* GÓMEZ, ISABEL, 223
- GLÄNZEL, W.: A Bibliometric Approach to Social Sciences. National Research Performances in 6 Selected Social Science Areas, 1990-1992, 291
- GLÄNZEL, W.: The Need for Standards in Bibliometric Research and Technology, 167
- GÓMEZ, ISABEL; BORDONS, MARIA; FERNÁNDEZ, M.T.; MÉNDEZ, AIDA: Coping with the Problem of Subject Classification Diversity, 223
- HELLIN, LOPEZ, J., *see* LOPEZ HELLIN, J., 119
- HICKS, D.M., *see* KATZ, J.S., 133
- HODGES, B., *see* HODGES, SALLY, 3
- HODGES, SALLY; HODGES, B.; MEADOWS, A.J.; BEAULIEU, MICHELINE; LAW, D.: The Use of an Algorithmic Approach for the Assessment of Research Quality, 3
- KATZ, J.S.: Bibliometric Standards: Personal Experience and Lessons Learned, 193
- KATZ, J.S., HICKS, D.M.: A Systemic View of British Science, 133
- LAW, D., *see* HODGES, SALLY, 3
- LAZAREV, V.S.: On Chaos in Bibliometric Terminology, 271
- LETA, JACQUELINE; MEIS, DE, L.: A Profile of Science in Brazil, 33
- LOPEZ HELLIN, J., *see* SCHWARTZ, S., 119
- MAGRI, MARIE-HÉLÈNE; SOLARI, ALINE: The SCI Journal Citation Reports: A Potential Tool for Studying Journals? I. Description of the JRC Journal Population Based on the Number of Citation Received, Number of Source Items, Impact Factor, Immediacy Index and Cited Half-Life, 93

AUTHOR INDEX TO VOLUME 35

- MARSHAKOVA-SHAIKEVICH, IRINA: The Standard Impact Factor as an Evaluation Tool of Science Fields and Scientific Journals, 283
- MCGRATH, W.E.: The Unit of Analysis (Objects of Study) in Bibliometrics and Scientometrics, 257
- MEADOWS, A.J., *see* HODGES, SALLY, 3
- MEIS, DE, L., *see* LETA, JACQUELINE, 33
- MELIN, G.: The Networking University. A Study of a Swedish University Using Institutional Co-authorships as an Indicator, 15
- MÉNDEZ, AIDA, *see* GÓMEZ, ISABEL, 223
- MENEGHINI, R.: The Key Role of Collaborative Work in the Growth of Brazilian Science in the Last Ten Years, 367
- MOED, H.F.: Differences in the Construction of SCI Based Bibliometric Indicators among Various Producers: A First Overview, 177
- MOREIRO, J.A., *see* RODRIGUEZ, KETTY, 59
- NIEMINEN, P.: Type of Empirical Research Reports as an Explanatory Factor in Citation Performance of Psychiatric Research, 309
- RAO, RAVICHANDRA, I.K., *see* RAVICHANDRA RAO, I.K., 265
- RAVICHANDRA RAO, I.K.: Methodological and Conceptual Questions of Bibliometric Standards, 265
- RODRIGUEZ, KETTY; MOREIRO, J.A.: The Growth and Development of Research in the Field of Ecology as Measured by Dissertation Title Analysis, 59
- ROSAS, A. MA., *see* ARVANITIS, R., 247
- ROYLE, PAMELA, *see* DAVIS, G., 45
- RUSSELL, J. M., *see* ARVANITIS, R., 247
- SCHUBERT, A.: Scientometrics: A Citation Based Bibliography, 1990, 155
- SCHUBERT, A.: Scientometrics: A Citation Based Bibliography, 1991, 393
- SCHWARTZ, S., LOPEZ HELLIN, J.: Measuring the Impact of Scientific Publications. The Case of the Biomedical Sciences, 119
- SBGLEN, PER, O.: Quantification of Scientific Article Contents, 355
- SOLARI, ALINE, *see* MAGRI, MARIE-HÉLÈNE, 93
- TEDCEIA, N., *see* ZITT, M., 209
- URBAN, D.: Quantitative Measurement of Public Opinions on New Technologies. An Application of SEM-Methodology to the Analysis of Beliefs and Values toward New Human Applications of Genetic Engineering, 71
- VINKLER, P.: Relationships between the Rate of Scientific Development and Citations. The Change for Citedness Model, 375
- VINKLER, P.: Some Practical Aspects of the Standardization of Scientometric Indicators, 237
- WAGNER-DÖBLER, R., *see* BERG, J., 321
- WINOŁAWSKA, BERENIKA, M.: Polish Sociology Citation Index (Principles for Creation and the First Results), 387
- ZITT, M., TEDCEIA, N.: Science Macro-Indicators: Some Aspects of OST Experience, 209

